

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION TRANSMITTAL LETTER FOR  
NONPROVISIONAL PATENT APPLICATION  
Under 37 C.F.R. 1.53(b)

10-036 U.S. PTO  
09/05/2000  
08/31/00

Certification under 37 CFR 1.10 (if applicable)

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EXPRESS MAIL mailing number

August 31, 2000

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

VICKIE CHUPP

(Type or printed name of person mailing application)

*Vickie Chupp*  
(Signature of person mailing application)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including 6 sheet(s) of formal drawings, of inventor(s):  
**Donald C. D. Chang, Alan G. Cha, Ying Feria,**

for: **RAPID USER ACQUISITION BY A GROUND-BASED BEAMFORMER**

The filing fee for this application is calculated below:

	NUMBER		CLAIMS AS FILED		RATE	
	FILED		EXTRA			
For:						
Basic Fee						\$ 690.00
Total Claims	11	-20 =	0	x	\$ 18.00	\$ -0-
Independent Claims	2	- 3 =	0	x	\$ 78.00	\$ -0-
Multiple Dependent Claims				+	\$260.00	\$
<b>TOTAL FILING FEE :</b>						<b>\$ 690.00</b>

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$690.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

**Please associate this application with the Hughes Electronics Corporation Customer Number 020991.  
This form is submitted in triplicate.**

HUGHES ELECTRONICS CORPORATION

*Vijayalakshmi D. Duraiswamy*  
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